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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/805,854
	Filing Date	March 13, 2001
	First Named Inventor	Guo Ping Zhang
	Group Art Unit	2631
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	020568-000

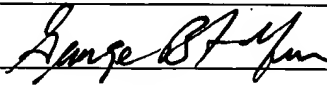
ENCLOSURES (check all that apply)

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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>1. PTO/SB/08A and PTO/SB/08B<br>2. 44 references<br>3. Return Postcard |
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Remarks

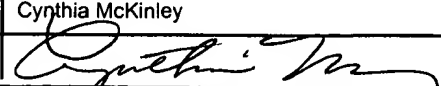
The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP George B. F. Yee	Reg. No. 37,478
Signature		
Date	4/4/02	

CERTIFICATE OF MAILING

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PATENT  
Attorney Docket No.: 020568-000600US  
Client Reference No.: Patent # 5

On 4/4/02

TOWNSEND and TOWNSEND and CREW LLP

By: 



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Guo Ping Zhang

Application No.: 09/805,854

Filed: March 13, 2001

For: Method and Apparatus for Recover  
Data From Pulses

Examiner: Unassigned

Art Unit: 2631

SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT UNDER 37  
CFR §1.97 and §1.98

Assistant Commissioner for Patents  
Washington, D.C. 20231

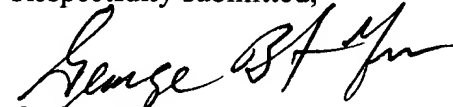
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



George B. F. Yee  
Reg. No. 37,478

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **1** of **3**

Complete if Known

Application Number	09/805,854
Filing Date	March 13, 2001
First Named Inventor	Guo Ping Zhang
Group Art Unit	2631
Examiner Name	Unassigned
Attorney Docket Number	020568-000600US

### U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	3,209,282		P. Schnitzler	9/28/65	
	AB	3,239,832		A. Renard	3/8/66	
	AC	3,246,256		H. Sommers, Jr.	4/12/66	
	AD	3,303,350		G. Neff, et al.	2/7/67	
	AE	3,387,298		J. Kruey	6/4/68	
	AF	3,527,949		G. Huth	9/8/70	
	AG	3,571,753		T. Saunders	3/23/71	
	AH	3,761,621		Vollmeyer et al.	9/25/73	
	AI	3,846,717		Fleming	11/5/74	
	AJ	4,743,906		Fullerton	5/10/88	
	AK	4,862,160		Ekchian et al.	8/29/89	
	AL	5,532,641		Balasubramanian et al.	7/2/96	
	AM	5,812,081		Fullerton	9/22/98	
	AN	5,832,035		Fullerton	11/3/98	
	AO	5,892,701		Huang et al.	4/6/99	
	AP	6,023,672		Ozawa	2/8/00	
	AQ	6,087,904		Wen	7/11/00	
	AR	6,259,390		Joe	7/10/01	
	AS	6,292,067		Sasabata et al.	9/18/01	
	AT	6,275,544		Aiello et al.	8/01	
	AU	6,060,932		Devin	5/00	
	AV	5,901,172		Fontana et al.	5/99	
	AW	5,337,054		Ross et al.	8/94	
	AX	3,755,696		Nicholson et al.	8/73	
	AY	5,789,992		Moon	8/4/98	
	AZ	6,044,113		Oltean	3/28/00	
	BA	5,764,702		Caiaffa	6/8/98	

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### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **2** of **3**

### Complete if Known

Application Number	09/805,854
Filing Date	March 13, 2001
First Named Inventor	Guo Ping Zhang
Group Art Unit	2631
Examiner Name	Unassigned
Attorney Docket Number	020568-000600US

	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	BB	DE	19809334 A1		IMI Norgren...	9/9/99	
	BC	DD	94 855			1/5/73	
	BD	GB	1,036,328		Neale	7/20/66	
	BE	JP	11074766		Sony Corp	3/16/99	
	BF	DT	2602794A1			7/28/77	
	BG	DT	2459531A1			7/1/76	
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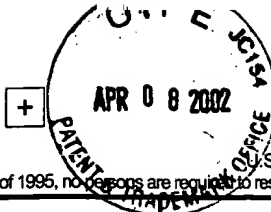
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Sheet **3** of **3**

### Complete if Known

Application Number 09/805,854  
Filing Date March 13, 2001  
First Named Inventor Guo Ping Zhang  
Group Art Unit 2631  
Examiner Name Unassigned  
Attorney Docket Number 020568-000600US

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### OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	BI	Abell, E., "Gated Oscillator Emulates a Flip-Flop", EDN Access, pps. 1-2, March 16, 1995.	
	BJ	Gallerani, A., "Oscillator Meets Three Requirements", EDN Access, pps. 119-120, December 3, 1998.	
	BK	L. GORAS et al., "On Linear Inductance- and Capacitance-Time Conversions Using NIC-Type Configuration," IEEE Transactions on Industrial Electronics, vol. 40, no. 5 pp. 529-531 (October 1993).	
	BL	V.H. JAKUBASCHK, "das Große Elektronikbastelbuch," Deutscher Militärverlag, Leipzig, pp. 206-209 (1968).	
	BM	James P. Keener, Analog Circuitry for the van der Pol and FitzHugh - Nagumo Equations, IEEE 1983, pps. 1011-1015.	
	BN	U. TIETZE et al., "Halbleiter-Schaltungstechnik, Fünfte, überarbeitete Auflage," Springer-Verlag, Berlin Heidelberg, New York, pp. 255-258 (1980).	
	BO	PATARASEN, S. et al., Maximum-Likelihood Symbol Synchronization and Detection of OPPM Sequences, IEEE Transactions on Communications, New York, US, June 94, pps. 9, vol. 42, no. 6.	
	BP	Sen et al., Integration of GaAs/A1As Resonant Tunneling Diodes for Digital and Analog Applications with Reduced Circuit Complexity, October 13-16, 1987.	
	BQ	D. WANG et al., "Image Segmentation Based on Oscillatory Correlation," Neural Computation, vol. 9, pp. 805-836 (1997).	
	BR	Gang Li et al., "Performance of a Ratio-Threshold Diversity Combining Scheme in FFH/FSK Spread Spectrum Systems in Partial Band Noise Interference," Department of Electrical and Computer Engineering, and Communication Research Centre, IEEE 1992, pps. 0672-0676.	
	BS	Gang Li et al., "Maximum-Likelihood Diversity Combining in Partial-Band Noise Interference Channel," Department of Electrical and Computer Engineering, and Communication Research Centre, IEEE 1993, pps. 507-511.	

Examiner Signature		Date Considered	
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